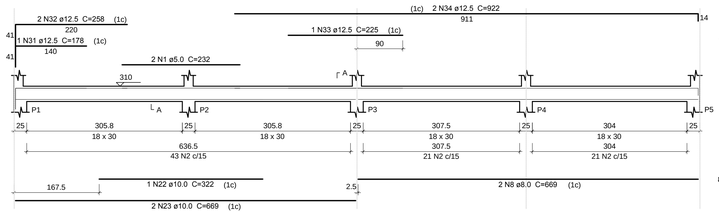
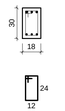
V201
ESC 1:50

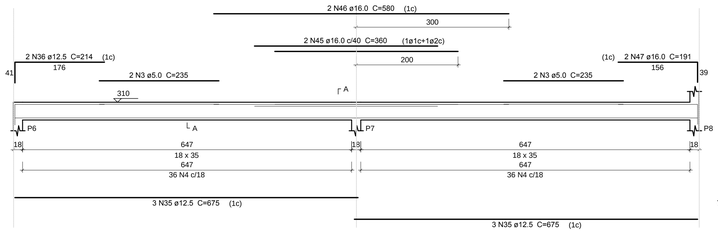


SEÇÃO A-A
ESC 1:25

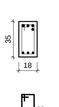


85 N2 ø5.0 C=84

V202
ESC 1:50

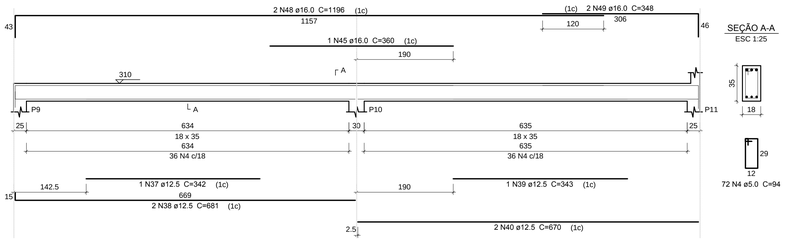


SEÇÃO A-A
ESC 1:25



72 N4 ø5.0 C=94

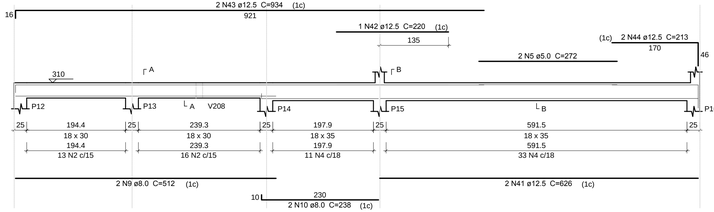
V203
ESC 1:50



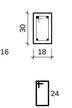
SEÇÃO A-A
ESC 1:25

72 N4 ø5.0 C=94

V204
ESC 1:50

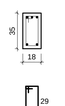


SEÇÃO A-A
ESC 1:25



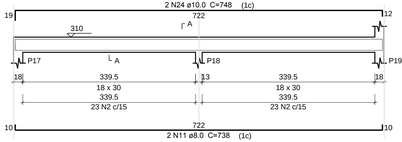
29 N2 ø5.0 C=84

SEÇÃO B-B
ESC 1:25

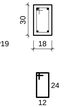


44 N4 ø5.0 C=94

V205
ESC 1:50

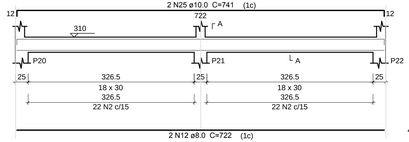


SEÇÃO A-A
ESC 1:25

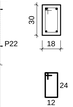


46 N2 ø5.0 C=84

V206
ESC 1:50



SEÇÃO A-A
ESC 1:25



44 N2 ø5.0 C=84

Relação do aço

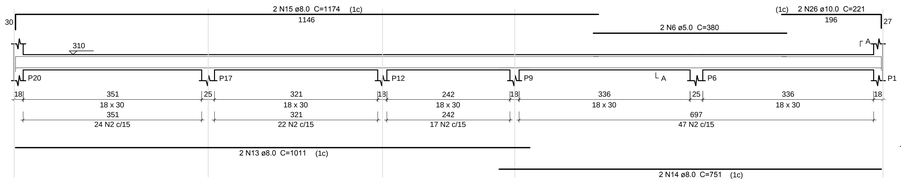
V201 V206	V202 V207	V203 V208	V204 V209	V205 V210	V211
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	232	464
	2	5.0	469	84	39396
	3	5.0	4	235	940
	4	5.0	188	94	17672
	5	5.0	2	272	544
	6	5.0	2	380	760
	7	5.0	47	74	3478
CA50	8	8.0	2	669	1338
	9	8.0	2	512	1024
	10	8.0	2	238	476
	11	8.0	2	738	1476
	12	8.0	2	722	1444
	13	8.0	2	1011	2022
	14	8.0	2	751	1502
	15	8.0	2	1174	2348
	16	8.0	2	354	708
	17	8.0	2	735	1470
	18	8.0	2	743	1486
	19	8.0	2	771	1542
	20	8.0	2	1003	2006
	21	8.0	2	1031	2062
	22	10.0	1	322	322
	23	10.0	2	669	1338
	24	10.0	2	748	1496
	25	10.0	2	741	1482
	26	10.0	2	221	442
	27	10.0	2	386	772
	28	10.0	1	165	165
	29	10.0	2	777	1554
	30	10.0	2	764	1528
	31	12.5	1	178	178
	32	12.5	2	258	516
	33	12.5	1	225	225
	34	12.5	2	922	1844
	35	12.5	6	675	4050
	36	12.5	2	214	428
	37	12.5	1	342	342
	38	12.5	2	681	1362
	39	12.5	1	343	343
	40	12.5	2	670	1340
	41	12.5	2	626	1252
	42	12.5	1	220	220
	43	12.5	2	934	1868
	44	12.5	2	213	426
	45	16.0	3	360	1080
	46	16.0	2	580	1160
	47	16.0	2	191	382
	48	16.0	2	1196	2392
	49	16.0	2	348	696

Resumo do aço

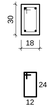
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	209.1	90.7
	10.0	91	61.7
	12.5	144	152.5
	16.0	57.1	99.1
CA60	5.0	632.6	107.2
PESO TOTAL (kg)			
CA50	404.1		
CA60	107.2		

Volume de concreto (fck=25MPa) = 6.55 m³
Área de forma = 94.82 m²

V207
ESC 1:50

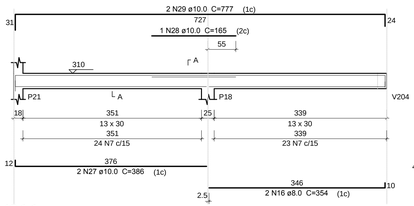


SEÇÃO A-A
ESC 1:25

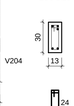


110 N2 ø5.0 C=84

V208
ESC 1:50

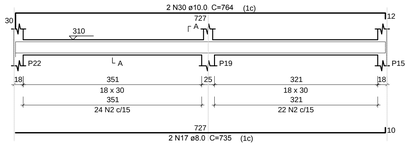


SEÇÃO A-A
ESC 1:25

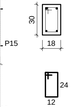


47 N7 ø5.0 C=74

V209
ESC 1:50

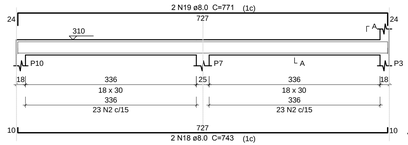


SEÇÃO A-A
ESC 1:25

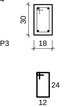


46 N2 ø5.0 C=84

V210
ESC 1:50

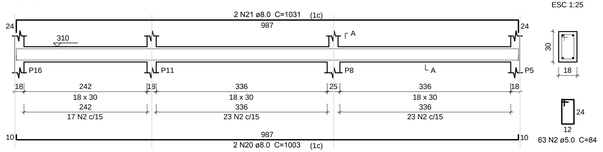


SEÇÃO A-A
ESC 1:25



46 N2 ø5.0 C=84

V211
ESC 1:50



SEÇÃO A-A
ESC 1:25

63 N2 ø5.0 C=84

PROJETO ESTRUTURAL - ARMADURAS VIGAS COBERTURA - Bloco 1
ESCALA: 1:50

SECRETARIA DE
PLANEJAMENTO E GESTÃO

prefeitura de Pelotas
vamos compartilhar a cidade

E.M.E.F JORNALISTA DEOGAR SOARES

PROJETO ESTRUTURAL - BLOCO 1

PLANTAS DE ARMAÇÃO VIGAS COBERTURA

Prancha 07/09

Escala 1:50

Data JULHO / 2018

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